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Subject: GridCtrl MultiSelect bug  
Posted by [coolman](#) on Mon, 14 Dec 2020 09:27:52 GMT  
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Hi,

There is a bug when multiselect is used in the GridCtrl.

You can test it on GridCtrlTest in the reference. On main tab hold CTRL an left mouse button click on line 7, line 3, line 9, line 4, line 10. When you click on line 10 you get:

```
ASSERT FAILED: Assertion failed in uppsrc/Core/Vcont.h, line 182
i >= 0 && i < items
```

BR, Radek

Tested:

```
Linux ul001998 5.4.0-56-generic #62-Ubuntu SMP Mon Nov 23 19:20:19 UTC 2020 x86_64
x86_64 x86_64 GNU/Linux
```

```
Ubuntu clang version 10.0.1-++20200708122807+ef32c611aa2-1~exp1~20200707223407.61
Target: x86_64-pc-linux-gnu
Thread model: posix
InstalledDir: /usr/bin
```

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [mirek](#) on Tue, 22 Dec 2020 11:42:34 GMT  
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Thank you for reporting, should be now fixed.

If you had time to test it thouroughly, it would be great!

Mirek

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [coolman](#) on Wed, 23 Dec 2020 07:14:08 GMT  
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Hi,

Your patch worked and the GridCtrlTest in the reference assembly is OK.

But I still have a problem with GridCtrl (see attached archive). When I select one row (e.g. 9), holding the CTRL and select another row (e.g. 15) I got the same error as from the first post. What am I doing wrong?

ASSERT FAILED: Assertion failed in uppsrc/Core/Vcont.h, line 182  
i >= 0 && i < items

BR, Radek

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### File Attachments

1) [GridCtrlTest.zip](#), downloaded 233 times

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [mirek](#) on Wed, 23 Dec 2020 11:48:08 GMT  
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Thank you! What about now?

Mirek

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [coolman](#) on Wed, 23 Dec 2020 13:05:39 GMT  
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Corrected, thank you

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [coolman](#) on Mon, 28 Dec 2020 18:31:04 GMT  
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Hi,

I found another problem with GridCtrl selection. When you select e.g. line 9 and then execute menu: Data->Data 2. You will get selected rows although none should be selected.

BR, Radek

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### File Attachments

1) [GridCtrlTest.zip](#), downloaded 238 times

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Subject: Re: GridCtrl MultiSelect bug

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Posted by [mirek](#) on Mon, 04 Jan 2021 09:19:10 GMT

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coolman wrote on Mon, 28 December 2020 19:31Hi,

I found another problem with GridCtrl selection. When you select e.g. line 9 and then execute menu: Data->Data 2. You will get selected rows although none should be selected.

BR, Radek

Hopefully fixed, please test...

Mirek

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Subject: Re: GridCtrl MultiSelect bug

Posted by [coolman](#) on Mon, 04 Jan 2021 11:02:45 GMT

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Fixed, thank you

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Subject: Re: GridCtrl MultiSelect bug

Posted by [BetoValle](#) on Mon, 15 Feb 2021 20:35:54 GMT

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Hi,

I download v15764, windows 10, 64bits

and doesn't work as expected ie

```
gridCta.Searching();  
gridCta.SetToolBar(BarCtrl::BAR_BOTTOM);  
gridCta.MultiSelect(false);
```

after starting with the line above,  
in the grid I click with the right button and it displays  
menu to select all. Having chosen not to do multiple selection,  
what is the reason for selecting all?

if I go to the source and inhibit the menu call,  
works as intended.

Or have solution without changing the source?

GridCtrl.cpp

```
if(multi_select || !select_row)
{
    SelectMenu(bar); // if inhibiting this line its works as expected
    isitem = true;
}
```

Thanks

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [BetoValle](#) on Tue, 16 Feb 2021 16:20:32 GMT  
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Hi,

in source code this work fine to me:

```
if(multi_select || !select_row)
{
    //when MultiSelect is set to false, it will not display a selection menu.
    // otherwise it will display the menu and the selection of multiple records. In this
situation,
    // the issue of copies of records must still be properly configured.
    if(multi_select)
        SelectMenu(bar);

    isitem = true;
}
```

Thanks!

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [BetoValle](#) on Tue, 16 Feb 2021 16:46:13 GMT  
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in time: as a suggestion the two lines below, to display if configured the clipboard is configured to display or not.

```
void GridCtrl::ClipboardMenu(Bar &bar)
{
    bool c = IsCursor();
    bool s = c || IsSelection();
    bar.Add(t_("Copy"), THISBACK(DoCopy)).Image(CtrlImg::copy()).Key(K_CTRL_C).Enable(s &&
copy_allowed);
    /**added line below
    if(cut_allowed)
        bar.Add(t_("Cut"), THISBACK(Nothing)).Image(CtrlImg::cut()).Key(K_CTRL_X).Enable(s &&
cut_allowed);
    /**added line below
    if(paste_allowed)
        bar.Add(t_("Paste"), THISBACK(DoPaste)).Image(CtrlImg::paste()).Key(K_CTRL_V).Enable(c
&& paste_allowed &&
        IsClipboardAvailable());
    if(extra_paste)
        bar.Add(t_("Paste as"), THISBACK(PasteAsMenu));
}
```

Thanks

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Subject: Re: GridCtrl MultiSelect bug  
Posted by [mirek](#) on Sat, 20 Feb 2021 16:48:06 GMT  
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Thanks, fixed.

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